

Bryce DAVIS

Data Science | Machine Learning | Business Intelligence

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Avid Statistics and Comp-Sci student seeking employment in the data science and analytics industry by providing data-driven decisions and practical solutions to complex business and data problems. I am extremely enthusiastic to learn new tools and frameworks and can pick up domain / industry knowledge quickly. I have experience working with various types of structured and unstructured data and I am confident I can overcome whatever problem is thrown my way.

SKILLS

Programming	Python, R, SQL, HTML, Java
Frameworks	Docker, Joomla, Spark
Databases	Microsoft SQL Server, MySQL, PostgreSQL
Distributed Systems	Azure, Google Cloud Compute
Vizualizations and Automation	PowerBI, Tableau, Trifacta, Microsoft Power Automate, Excel

EDUCATION

2021	University of Georgia - Statistics Major
2020	University of Georgia - Certificate of Applied Data Science

EXPERIENCE

Current September 2019	Data Analyst, UGA, Office Of Global Engagement <ul style="list-style-type: none">➤ Full-Stack data development : Data wrangling and cleaning to modeling and visualization.➤ Streamlining labor intensive work. For example, a previously daily 20-minute task became a once per-year setup.➤ Automation of office tasks with Python, SQL, Power Automate➤ Machine Learning implementations on a production server
Current Fall 2020	Research Assistant, UGA, HeRo (Heterogenous Robotics) Laboratory <ul style="list-style-type: none">➤ Development of DIY Self-Driving Car➤ Circuit Design and Assembly➤ Algorithm Research and Development

PROJECTS

HeRo LAB - SELF-DRIVING RC CAR 🔗 Preliminary Github Presentation 🔗 HeRo Lab Website 🔗 Research Paper An ongoing research project to develop and deploy self-driving algorithms on a simple RC car that has been augmented with a raspberry pi zero for the purpose of furthering AI in education C Python Unity	2020 - 2021
DEPARTMENT OF GEOLOGY - VIABILITY OF SFM TO INVESTIGATE HISTORICAL RICE GROWTH 🔗 Research Paper My senior capstone research project. Geo-spatial statistical modeling with several steps of data-processing R ArcGIS Python	2020-2021
WELLS FARGO DATA SCIENCE COMPETITION - PREDICTING CREDIT DEFAULT 🔗 Submitted Paper 🔗 Industry Day Presentation 🔗 Code Winning undergraduate submission for the UGA-Wells Fargo Data Science competition. Comparing a simple logistic model to a XGBoosted Ensemble model for predicting credit default.	2021

HONORS AND AWARDS

2021	UGA-Wells Fargo Data Science Competition - First Place 🔗 Compeition Homepage
2020	NSEP (National Security Education Program) - STEM Boren Scholarship Awardee 🔗 Press Release
2018	Peach Belt Conference(PBC) - League of Legends Champion (eSports) 🔗 Press Release